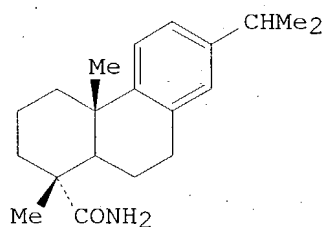


AN 109:129380 CA  
 TI Preparation of dehydroabietoylamide as fungicide for rice blast  
 IN Akatsuka, Tadami; Kodama, Osamu; Matsuo, Kotaro; Esaki, Yoichiro  
 PA Arakawa Chemical Industries, Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese  
 IC ICM A01N037-18  
 ICA A01N037-08  
 CC 30-20 (Terpenes and Terpenoids)  
 Section cross-reference(s): 5

FAN.CNT 1

|      | PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|------|----------------|------|----------|-----------------|----------|
| PI   | JP 63017806    | A2   | 19880125 | JP 1986-161182  | 19860709 |
| PRAI | JP 1986-161182 |      | 19860709 |                 |          |
| GI   |                |      |          |                 |          |



AB Fungicide for rice blast consists of dehydroabietoylamide (I). A mixt. of 0.1 mol dehydroabietic acid and 0.105 mol SOCl<sub>2</sub> in C<sub>6</sub>H<sub>6</sub> contg. pyridine was refluxed to give 31.44g acid chloride which was treated with 28% NH<sub>4</sub>OH in THF under cooling to give amide I, which inhibited sporulation of *Piricularia oryzae* completely at 2 ppm suspension.

ST dehydroabietoylamide prepn fungicide rice blast

IT *Piricularia oryzae*  
 (control of, on rice, by dehydroabietoylamide)

IT Fungicides and Fungistats  
 (agrochem., dehydroabietoylamide, for rice blast)

IT 1740-19-8  
 RL: PROC (Process)  
 (conversion of, to acid chloride)

IT 22478-66-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and amidation of)

IT 35928-32-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of, as fungicide for rice blast)